



NITFS Compliance Registration



Product: Geospatial Information Processing Center (GIPC) Baseline 3.80.20A

Date: 18 October 2007

Sponsor: for the production of Digital Point Positioning Data Base (DPPDB)

Expiration: 17 October 2009

Developer: Harris Corporation

Registration #: 353

☐ Initial Registration
☒ Supplemental/Update #4
☐ Derived from Reg. # 3

Harris Corporation

☐ System
N-0105/98, §4.1.1

NITFS Features Implemented:

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Other
Interpret							
Generate							

☐ Product
N-0105/98, §4.1.2

☒ Component
N-0105/98, §4.1.3

Format

- ☐ NITF
☐ v2.1
☒ v2.0
☐ v1.1
☐ NSIF
☐ v1.0

Image Segment Types

- ☒ MONO
☐ RGB
☐ RGB/LUT
☐ YCbCr
☐ MULTI
☐ NO DISPLY
☐ POLAR

Data Extension Segments

- ☐ TRE_OVERFLOW
☐ STREAMING_FILE_HEADER
☒ Controlled Extensions **
☐ Registered Extensions **

Tagged Record Extensions

- ☒ Controlled Extensions
DPPDB

Pixel Value Types

- ☐ Boolean
☒ Integer
☐ Signed Integer *
☐ IEEE Real *
☐ IEEE Complex *

Image Compression

- ☐ Not Compressed
☒ JPEG Lossy, 8-bit
☐ JPEG Lossy, 12-bit
☐ JPEG Downsampling
☐ JPEG Lossless
☐ JPEG 2000
☐ BC Level
☐ Vector Quantization
☐ Multispectral JPEG, Individual Band

Annotation Segment Types

- ☐ Bit Mapped **
☒ CCM, 2301
☐ CCM, 2301A
☐ Labels **

Text Segments

- ☒ TA
☐ UT1
☐ U8S
☐ MTF

Configurations Tested:

- Dual-core UltraSparc-IV+@1.5GHz (12), 48
10/100/1000BASE-T Ethernet, 48GB pre
processor RAM, 67TB disk array running Sun
Solaris 9 (SPARC)

Interpret
Generate
Legend
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

EDWARD E. BOYLES II, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence
Agency for the NITFS Test and Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
product for the intended use. Optional NITFS features may not be implemented.